



TITLE

OLIGONUCLEOTIDE THERAPEUTIC AGENT

AND

METHODS OF MAKING SAME

ABSTRACT

For use in controlling biologic functions in an organism, a stabilized oligonucleotide, preferably in a phosphotriester form, having a base sequence substantially complementary to a portion of messenger ribonucleic acid coding for a biological component, such as a protein, of the organism. The oligonucleotide has about fourteen bases or more, such as twenty-three bases, and can be a deoxyribonucleotide. The oligonucleotide sequence can be derived from the organism's ribonucleic or deoxyribonucleic acid that codes for a vital protein, and can be synthesized in bulk either chemically or by insertion into a plasmid.

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